

AMENDMENTS

The following listing of Claims will replace all prior versions and listing of claims in the application:

1. (currently amended) A method for sharing ~~a document~~ data including the steps of:

receiving, from a user of a client, a request for data from a server;

obtaining access rights for the user; and

downloading to the client the access rights, the data, and an applet, the applet being operable to customize a display of the data by the client according to the access rights.

~~using a client machine to access a server via a network and to request data therefrom;~~

~~verifying a user's authority to submit, access, modify or view said data;~~

~~encrypting at least a portion of said data on said server;~~

~~communicating said encrypted data from said server to said client; and~~

~~decrypting said data on said client.~~

2. (currently amended) The invention of Claim 1 further comprising wherein said step of verifying that the user has a user's authority access rights for the data further includes the step of verifying a user's identity.

3. (currently amended) The invention of Claim 2 wherein the step of verifying ~~a user's identity~~ includes the step of authenticating a digital signature.

4. (currently amended) The invention of Claim 2 wherein the step of verifying ~~a user's identity~~ includes the step of authenticating a private key.

5. (currently amended) The invention of Claim 2 wherein the step of verifying a user's identity includes the step of authenticating a public key.

6. (cancelled)

7. (currently amended) The invention of Claim 1 further including the step of allowing modification of the data according to the access rights providing for secure modification of said shared document.

8. (original) The invention of Claim 1 further including the step of tracking changes in said document.

9. (original) The invention of Claim 1 further including the step of tracking access of said document.

10. (original) The invention of Claim 1 further including the step of tracking submission of documents.

11. (cancelled).

12. (currently amended) The invention of Claim 1 further including the step of the applet causing the client to display a view of the data for the user, the view being customized according to the access rights viewing said data on said client via a browser.

13. (Previously presented) A document management system comprising:
a server for providing data from a document stored in a folder, the server operable to receive, from a user of a client, a request for the data;
an agent associated with said folder for regulating access thereto based on a user's rights, the agent operable to obtain access rights for the user and to cause

the server to download to the client the access rights, the data, and an applet, the applet being operable to customize a display of the data by the client according to the access rights.

~~first means residing on said server for encrypting said data;~~

~~means for communicating said encrypted data from said server to a client;~~

and

~~second means residing on said client for decrypting said data.~~

14. (canceled)

15. (currently amended) The invention of Claim 13 wherein ~~said first means includes a first applet residing on said server~~ the agent is operable to encrypt the data and the access rights and the applet is operable to decrypt the data and the access rights.

16. (currently amended) The invention of Claim 13, further comprising means for allowing modification of the data according to the access rights. ~~15 wherein said second means includes a second applet residing on said client.~~

17. (cancelled)

18. (currently amended) The invention of Claim 13 further including means for verifying a user's identity before the agent causes the server to download the data to the client.

19. (cancelled)

20. (Canceled)

21. (cancelled)

22. (currently amended) The method of Claim 21 ~~including the step of providing wherein downloading includes downloading the accesses rights and the data with a session key, wherein the access rights and the data have been encrypted with the session key and the session key has been encrypted with a public key for the user a session key to said user along with said document.~~

23. (currently amended) The method of Claim 22 ~~including the step wherein the applet is operable to decrypt the session key with a private key for the user and to decrypt the data and the access rights with the decrypted session key of using a user's key to decrypt said session key.~~

24-26. (cancelled)

27. (currently amended) The method of Claim 22 wherein said further comprising randomly generating the session key ~~is generated at random.~~

28. (cancelled)

29. (currently amended) The invention of Claim 13, 28 ~~including means for providing further comprising means for encrypting the data and the access rights with a session key and means for encrypting the session key with a public key for the user, and wherein the agent is operable to cause the server to download the a encrypted session key to said user the client along with said document the applet, the encrypted access rights, and the encrypted data.~~

30. (currently amended) The invention of Claim 28, wherein the applet is operable to decrypt the session key with a private key for the user and to decrypt the data and the access rights with the decrypted session key ~~including means for using a user's key to decrypt said session key.~~

31-33 (cancelled)

34. (currently amended) The invention of Claim 29 further including means for randomly generating said session key.

35. (currently amended) The invention of Claim 13 ~~29~~ wherein said access rights are stored in a database.